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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Name
Inventor: Evren Eryurek

Appln. No.: 09/852,102

Filed : May 9, 2001

For : FLOW DIAGNOSTIC SYSTEM

Docket No.: R11.12-0749

Group Art Unit: 2857

Examiner:

#3/a
5302
Payton

PRELIMINARY AMENDMENT

Box Non-Fee Amendment
Commissioner for Patents
Washington, D.C. 20231

I HEREBY CERTIFY THAT THIS PAPER IS BEING
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7 DAY OF March 2002

PATENT ATTORNEY

Sir:

Please amend the above-identified application as follows:

IN THE CLAIMS

Please amend claim 29 as follows:

29. (Amended) A method performed in a flow diagnostic system for detecting a degrading primary element or degrading impulse piping in a process control system, comprising:

obtaining a measurement signal related to flow of a process fluid;

retrieving a baseline statistical parameter for a baseline primary element or impulse piping from a memory;

calculating a current statistical parameter of the measurement signal;

comparing the baseline statistical parameter to the current statistical parameter; and

providing a diagnostic output based upon the step of comparing, the diagnostic output indicative of a degrading primary element or impulse piping;

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